From: Roser, Sara
Sent: Tuesday, October 22, 2013 3:17 PM
To: Stuber, Robyn
Subject: RE: dilution

That's right. No farfield dilution at the ZOM.

From: Stuber, Robyn
Sent: Tuesday, October 22, 2013 2:17 PM
To: Roser, Sara
Subject: RE: dilution

Thank you, Sara!

You were so thorough with these analyses, I just knew you might know where to find this info.

Just to confirm, you/Walter did not model farfield dilution at the ZOM, right?

Robyn

From: Roser, Sara
Sent: Tuesday, October 22, 2013 1:55 PM
To: Stuber, Robyn
Subject: RE: dilution

Hi Robyn,

Honouliuli:

H 13.10 - Worksheet shows that we used the long-term average annual effluent flow for initial dilution.

H 13.9 – Summary page – Wasn't sure if this might be helpful

Sand Island:

S 13.6 – Initial dilution based on flow of 118.9 mgd (= peak three-hour flow rate, see S13.8 for explanation)

S 13.7 - Long-term average dilution based on design flow of 90 mgd and also 82 mgd (I can't remember why there were two different design flows, but I can find an answer if you need it.)

S 13.8 – Table from Sand Island application showing peak three-hour flow rate

Sara Roser
Standards and TMDL Office(WTR-2)
USEPA Region 9
415-972-3513

From: Stuber, Robyn
Sent: Tuesday, October 22, 2013 11:12 AM
To: Roser, Sara
Subject: dilution

Hi Sara.

When you were working on HI 301(h) did you (and Walter) do any dilution modeling using average annual effluent flow, for either initial dilution or farfield dilution?

Robyn

Robyn A. Stuber - Environmental Scientist
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